Library plans new faculty lecture series

Matt Nagel
Institute Communications and Public Affairs

Did you ever wonder what was really happening in the research labs here at Georgia Tech? Well here's your chance to learn. The Library and Information Center is sponsoring a new lecture series called "Tuesday Talks," focusing on the exciting areas of research that are flourishing on campus. The lectures will feature Tech faculty as speakers.

Cathy Carpenter, Information Services Librarian said, "Libraries are in the business of sharing information, and we thought the Georgia Tech library was the perfect venue to sponsor such a program and help promote and disseminate research findings across the campus."

Steve Potter, assistant professor in the Biomedical Engineering Department, will kick off the speaker series with a talk entitled "Hybrots: Living Neuronal Networks" on February 22. Next month, College of Computing Associate Professor Irfan Essa, will follow with a talk on "Sensing the Aware Home," and in April, Assistant Professor Thad Starner will discuss "Face to Face Discussion with Wearable Computers."

For more information...

Library and Information Center
www.library.gatech.edu

Pilotless aircraft learns to react on the fly

Megan McRainey
Institute Communications and Public Affairs

Unmanned aerial vehicles (UAVs) are one step closer to someday matching — and possibly surpassing — their human-piloted counterparts, thanks to the completion of a project successfully tested by Georgia Tech and sponsored by the Defense Advanced Research Projects Agency (DARPA) and the U.S. Air Force Research Laboratory.

Researchers from several partner institutions and organizations have helped to successfully build, test and fly the first rotary-wing UAV, a helicopter called GTMax, with capabilities of flight control fault identification and reconfiguration, adaptive control and agile maneuvering — all operating on a single vehicle and under a single software architecture.

UAV continued, page 3

State among top 10 in venture capital funding

ATDC member companies receive $104 million

Georgia ranked seventh in the nation for amount of venture capital raised during 2004, the state's best showing ever. ATDC member and graduate companies contributed 18 percent of the total — $563 million — raised statewide. In a total of 13 deals, a dozen current ATDC member companies attracted $55 million in venture capital, while four ATDC graduate companies brought in another $51 million. The numbers were reported in the latest study of venture capital investment activity in the United States, compiled by PricewaterhouseCoopers, Thompson Venture Economics and the National Venture Capital Association.

Vice Provost for Economic Development and Technology Ventures and ATDC Director Wayne Hodges said, "It's a positive sign for Georgia Tech: a testament to the entrepreneurial spirit of our ATDC startup companies and a validation of Georgia Tech's important role in building the state's economy. From a broader perspective, we are encouraged to see Georgia's increased market share as an indication of its growing reputation among venture capitalists."

Georgia's showing topped all other states in the Southeast. For the fourth straight year, California topped the list with $9,345,925,400 in venture capital investment, followed by Massachusetts, $2,774,903,600; New York, $7,218,290,000; Pennsylvania, $1,096,485,300; Texas, $868,280,400; Colorado, $512,349,100; Washington, $443,599,200; and Maryland, $305,065,900. ATDC continued, page 3

Faculty/staff fund an institutional investment

Michael Hagearty
Institute Communications and Public Affairs

Roll Call, Georgia Tech's annual fund, is continuing to raise money up until the June 30 deadline.

Organized by the Alumni Association, the money raised is part of a general fund overseen by the Georgia Tech Foundation and dispersed according to immediate need, as determined by President Wayne Clough and the Foundation.

Gerri Elder, the Association's donor relations manager, pointed out that tuition only covers a portion of the cost to educate Georgia Tech students. The annual fund helps to make up that difference.

In its 58th year, Roll Call reaches out to a number of constituencies — alumni, parents and friends — for assistance. These donations constitute the university's largest source of unrestricted funds.

Faculty and staff have the unique opportunity to make a difference in the lives of Georgia Tech students through the annual fund.

Roll Call continued, page 3
Computing visionary Pete Jensen dies

Elizabeth Campell
Institute Communications and Public Affairs

Ailton F. “Pete” Jensen, 79, an alumnus and emeritus professor who was an early advocate for the development and establishment of Georgia Tech’s computer science program, died Feb. 6 following a long illness.

He graduated with a degree in mechanical engineering in 1956, but by 1964 Jensen was among the first to lend his services to a newly formed School of Information Science. As a research engineer at what was then called the Rich Electronic Computing Center, Jensen taught and developed classes at the School while maintaining his job at the Computing Center. A specialist in hardware architecture and design, he is credited with single-handedly establishing and operating the School’s first computer laboratory.

Jensen also installed the first e-mail system at Tech, in 1965.

In an interview for the College of Computing’s tenth anniversary, he said the idea of information science as an academic discipline was slow to gain acceptance. But the reluctance only enforced the pioneering resolve of Jensen and his acolytes.

“We managed to corrupt the students, who then corrupted the faculty,” he laughed.

Jensen formally joined the IS faculty in 1968 to, as he put it, “provide a window to reality out of the theoretical body of things.” Most of the classes he taught were self-designed courses concerning the business of managing computer enterprises.

“His teaching ability and interest in leading by example, and by continuing to raise the level of excellence in terms of the city’s architecture,” —Robert Craig, a professor in the College of Architecture, on the proposed design for the city’s new symphony center. (Associated Press)

Management faculty wing named for retired professor

Known for his incredible memory, Phill Adler has been able to maintain longitudinal relationships with many of the students he taught during his nearly 40-year career at the College of Management.

Though he retired in 2000, the professor emeritus of strategic management continues to serve as a much-valued mentor to many of these alumni.

A group of graduates has remained the favor by completing a successful fundraising initiative to name the fourth-floor north wing of the Management building the “Donna L. and Dr. Philip Adler Jr. Faculty Excellence Wing.”

The space is home to faculty offices, which is only appropriate, says Mack Reese, the alumnus who led the fundraising effort.

“His teaching ability and interest in and compassion for students are something that all Georgia Tech professors should aspire to,” explains Reese. “He’s always been available for me after I graduated, and he continues to be to this day. I’ve gone to him for advice on ideas and challenges I’ve faced in my own business. He’s a friend in every respect of the word.”

Adler, a retired U.S. Air Force Reserve colonel, concurrently served as clinical associate professor of rehabilitation medicine at Emory University School of Medicine during his years at Georgia Tech.

Much sought after for his expertise, Adler served as an organizational advisor to the White House Press Office and the Office of Management and Budget during the Carter Administration. In addition to organizational structure, his academic specialties include management theory, personnel management and high-tech program management.

Alumni do not remember Adler fondly because he was an easy professor, however. As the Hal and John Smith Chair of Small Business and Entrepreneurship, he taught by the Socratic Method, constantly putting students on the spot in class. “If you didn’t come to his class prepared, you paid for it,” Reese remembers.

In a 2001 interview, Adler echoed this point, saying, “They learned or else. You don’t tell the students the answer. You lead into it and get them to develop their ability to think quickly and accurately under pressure, like the real world.”
IN BRIEF:

Spring Commencement shifts to Georgia Dome

Georgia Tech's 221st Commencement will take place Saturday, May 7, 2005 at 9 a.m. and will include both graduate and undergraduate students. The ceremony will be held at the Georgia Dome in downtown Atlanta.

The move to the Dome was prompted by the size of Tech's undergraduate student body, one that has finally outgrown the Alexander Memorial Coliseum for spring commencement. With insufficient room for all of the chairs on the floor and an ever-increasing number of graduates in the stands, the Coliseum is unable to accommodate the number of graduates and guests attending this important occasion.

After considerable research on everything from optimum distance in chair spacing to a ten-year history of weather on commencement day, the decision was made to stage the event at the Georgia Dome. With more than 2,500 students petitioning to graduate this semester, the Georgia Dome is one of the very few realistic options for accommodating that number of graduates and guests.

For additional details on Commencement, visit www.gatech.edu/commencement.

Regents approve new degree programs

At the January meeting of the University System Board of Regents, Georgia Tech gained approval to offer two additional degree programs: a doctoral degree in applied physiology and a bachelor's degree in economic and international affairs. The Board also accepted a gift of $10 million in software for the College of Engineering, since corporate gifts of more than $100,000 must be formally approved.

Online language classes offered

The University System of Georgia's Office of International Education is offering a new distance-learning initiative through a grant from the U.S. Department of Defense's National Security Education Program (NSEP). The online, interactive, multimedia courses in Japanese, Chinese and Russian have been developed to expose students to less commonly taught foreign languages.

Any student enrolled at a University System college or university that does not offer traditional classroom instruction in the desired language may register for one of the courses. The deadline for registration is March 1 and is limited to 20 students. Non-students interested in learning these languages may register as space permits.

Each language involves a four-semester sequence of courses, and scholarship opportunities offering a study-abroad experience are available to students who finish the first year of study. Faculty members from Georgia Tech will teach the Japanese and Chinese (Mandarin) courses, while Georgia State University faculty will teach the Russian courses.

In addition to online instruction delivered via streaming audio/video, as well as recorded exercises, technical assistance and interactive linguistic and tutorial services will be provided to students enrolled in the courses.

For more information on studying Japanese, Chinese or Russian online, visit www.usg.edu/oie.
Feb. 16
The Ferst Center of the Arts hosts the Concord Jazz Festival with Diane Schuur, Karriñ Alyson, Oleta Adams and Sara Garañez. For tickets, call 894-9600 or visit www.ferstcenter.org.

Feb. 19
The Ferst Center for the Arts welcomes Les Ballets Trockadero de Monte Carlo for an 8 p.m. performance. For tickets, call 894-9600 or visit www.ferstcenter.org.

Brown Bags/Conferences/Lectures
Feb. 16
The Architecture Program’s lecture series continues with Parsons School of Design Director David Lewis on “The Opportunities of Restrictions,” at 5 p.m. in the College of Architecture auditorium.

Feb. 17
The School of Mechanical Engineering’s Woodruff Colloquia Series features Chih-Ming Ho, professor of engineering at UCLA, on “Control of a Bio-Colloidal Rotor,” at 11 a.m. in the LeCraw Auditorium.

Feb. 22
The Materials Council’s Institute-wide Seminar Series welcomes Jiandi Zhang, assistant professor of physics at Florida International University, on “The Surface of Transition-metal Oxides: Correlation Electron Systems with Reduced Dimensionality and Broken Symmetry,” at 3 p.m. in room 183, Love Building.

Feb. 27
The School of Mechanical Engineering’s Woodruff Colloquia Series welcomes UCLA Emeritus Professor James Smathers on “B.S. in Nuclear Engineering: Is It a Good Preparatory Degree for Graduate Training in Medical Physics?” at 11 a.m. in the MRC auditorium.

Classifieds

AUTOMOBILES
1997 Triumph TR4A. Owned for 27 years by Tech professors. Keep it in the family. Runs and looks great. $7,500. Call 894-2719 or email andrew.math-dev@library.gatech.edu.

1992 Volvo 240. Champagne, beige interior, automatic, a/c, 110K miles, regular maintenance. $4,500. Call 894-0761 or email neil.mcgahee@alumni.gatech.edu.


1998 Chevrolet Silverado K1500. Burgundy, 88K miles, off-road package, premium sound, 2-inch mud tires, brush guard, surf bars. Asking $9,999. E-mail lee.walker@stuenz.gatech.edu or call 404-757-2579.

1999 Ford Taurus SE. Great condition w/maintenance records, leather, ABS, dual front air bags, remote key entry pad, alloy wheels, 97,700 miles, $5,900. Call 404-579-6674.

2000 BMW 528i. Dark blue, excellent condition, fully loaded, sport suspension, moonroof, leather, remote entry, dual air bags. CD, alarm, 89K miles, $21,000. Call 770-813-1714 or e-mail mary.duncan@dev.gatech.edu.


FURNITURE
4-piece white dresser set: 5-drawer dresser, 3-drawer dresser, 2-drawer night stand and 30”x40” mirror. $150. Dark walnut dining table. 6 chairs, and hutch, asking $225 OBO. Real Estate/Roommates
Rent-to-own 3BR/2BA home in Roswell. Hardwood floors, new appliances, huge deck, bonus room, large 3/4 acre lot, open kitchen, plenty of space. $1,195/month or $169,000. E-mail paul.miceli@gti.gatech.edu.

Two-story, 2BR/2.5BA updated condo in Buckhead, patio overlooking golf course, W. T. Jackson school district, gated community. $1,350/month includes association fee. Call 404-414-1232.

1BR/1BA condo in Midtown. One block from Piedmont Park, 2-minute drive to GT, gym, pools, covered parking, 24-hour security. $1,100/month OBO. Call 404-395-3140.

3BR/2BA new house for rent at 1895 West Kimberly Road in Fulton County. $1,250/month negotiable, Section 8 welcome. Call 404-484-4662.

3BR/2.5 BA townhome w/garage in East Lake. 12 minutes to GT. New appliances. Ideal roommate plan. Spacious bedrooms, gourmet kitchen, gas fireplace & hardwood floors; swim community. $1,300/month. Call 404-325-1099.

SPORTS/RECREATION
Exerhealth aerobic rider, $75. Call 404-467-4517.

REAL ESTATE/ROOMMATES
Rent-to-own 3BR/2BA home in Roswell. Hardwood floors, new appliances, huge deck, bonus room, large 3/4 acre lot, open kitchen, plenty of space. $1,195/month or $169,000. E-mail paul.miceli@gti.gatech.edu.

New, gas-powered leaf blower. Moved to townhouse, must sell. $75. Call Bob at 678-478-2142.

1999 Starmart Stardust pop-up camper. Used fewer than 10 times. Sleeps eight. Excellent Condition. $4,000. Call 770-528-7069 or e-mail al.vineyard@gtri.gatech.edu.

Two $20 Virgin Mobile ‘Top-Up’ cards, for Virgin mobile phone minutes. $50 OBO. Call 894-5544 or e-mail pat.barton@dev.gatech.edu.

Miscellaneous
The VOICE initiative hosts an orientation on how to play a role in ending sexual violence at Georgia Tech at 4 p.m. A training session follows at 5 p.m. To sign up, e-mail ann.frazier@health.gatech.edu or call 894-9980. For more information, visit www.voice.gatech.edu.

Feb. 27
The Center for the Enhancement of Teaching and Learning will host a Faculty Development Seminar on “Educational Components of Research Proposals,” from 11 a.m. - 1 p.m. in the Library’s Homer Rice Training Center. Lunch is provided to registrants. Visit www.cetl.gatech.edu.

Feb. 23
The VOICE initiative hosts an orientation on how to play a role in ending sexual violence at Georgia Tech at 11 a.m.

Feb. 26
The College of Architecture hosts a symposium on “Architecture and Memory.” For more information, visit www.coa.gatech.edu/symposium.

Faculty/Staff Development
Feb. 17
The Center for the Enhancement of Teaching and Learning will host a Faculty Development Seminar on “Educational Components of Research Proposals,” from 11 a.m. - 1 p.m. in the Library’s Homer Rice Training Center. Lunch is provided to registrants. Visit www.cetl.gatech.edu.

Feb. 23
The Office of Sponsored Programs offers a class in “NSF FastLane Proposal Preparation and Project Reporting,” Call 894-6944 to reserve a seat.

MISCELLANEOUS
The Ferst Center for the Arts welcomes Les Ballets Trockadero de Monte Carlo for an 8 p.m. performance. Visit www.ferstcenter.org.

Lithuania resident looking for someone to carpool with. Work hours can be anytime between 7 a.m. and 5 p.m. Willing to share costs. Call 894-1942.

New, gas-powered leaf blower. Moved to townhouse, must sell. $75. Call Bob at 678-478-2142.

1999 Starmart Stardust pop-up camper. Used fewer than 10 times. Sleeps eight. Excellent Condition. $4,000. Call 770-528-7069 or e-mail al.vineyard@gtri.gatech.edu.

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